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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVII, No. 4 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — April, 1969

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1969, averaged 119,162 barrels daily, a decrease of 1,541 barrels from the average March production of 120,703.

The nine refineries in the state processed 106,882 barrels of crude oil daily for the month of April, 1969, a decrease of 3,426 barrels from the 110,308 barrels processed daily during the month of March, 1969.

During April, 72 wells were completed, 24 oil, 6 gas and 42 dry holes.

During April, the commission issued 56 permits to drill new wells, a decrease of 1 from the 57 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF APRIL, 1969

IN STORAGE APRIL 1st	
By Producers	411,717
By Transporters	1,346,785
By Refiners	981,174
TOTAL STORAGE	2,739,676
Produced in Montana During Month	3,574,862
Imported During Month	2,550,471
TOTALS	8,865,009
DISPOSITION:	
Refined in Montana	3,206,461
Exported	2,611,334
Used for Fuel or Lost	17,275
TOTAL	5,835,070
IN STORAGE APRIL 30th	
By Producers	418,887
By Transporters	1,458,525
By Refiners	1,152,527
TOTAL STORAGE	3,029,939

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1969

Field	M. Cu. Ft.
Bears Den	0
Bell Creek	807,449
Big Coulee	73,991
Blackjack	13,743
Bowdoin	117,907
Bowes	29,371
Cabin Creek	101,383
Cedar Creek	84,503
Cut Bank (Including Reagan)	585,412
Devon	0
Dry Creek	29,404
Elk Basin	64,163
Flat Coulee	9,638
Gold Butte	5,400
Golden Dome	0
Grandview	67,344
Hardin	2,897
Keith Block	251,206
Kevin Sunburst	51,615
Lake Basin	99,736
Middle Butte	2,883
Mt. Lilly	44,882
Pine	61,654
Plevna	2,938
Squaw Coulee	41,668
Utopia	63,199
Whitlash	87,354
Miscellaneous	235,955
TOTAL	2,935,695

Total withdrawals for April, 1968 were 2,490,134

PRODUCERS REPORT—MONTH OF APRIL, 1969

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	435	2,406	.....	2,192	.....	649
...	Bannatyne	.....	704	.....	.....	.....	.....	704
1	Bascom	1	430	33	.....	.....	.....	463
3	Bear's Den	6	1,509	1,279	.....	1,229	.....	1,559
78	Bell Creek	339	74,100	994,088	983,245	.....	2,712	82,231
1	Benrud	1	540	592	875	.....	.....	257
2	Benrud East	2	1,056	15,409	14,072	.....	.....	2,393
1	Benrud Northeast	1	1,164	4,139	3,855	.....	.....	1,448
1	Berthelote	1	577	312	200	.....	.....	689
6	Big Wall	21	1,857	15,984	16,203	.....	.....	1,638
5	Blackfoot	8	2,230	4,056	2,037	2,496	.....	1,753
3	Border	3	.....	1,193	.....	1,193	.....	.....
1	Bowes	52	5,401	14,240	13,800	.....	.....	5,841
1	Bradley	1	840	604	831	.....	.....	613
2	Brady	2	675	496	496	.....	.....	675
4	Brorson-Madison	4	1,580	6,538	7,035	.....	.....	1,083
5	Brorson-Red River	5	924	45,481	.....	45,304	.....	1,101
2	Brorson-Red River South	2	3,336	27,032	.....	27,505	.....	2,863
2	Cabin Creek	99	.....	294,328	294,328	.....	.....	.....
11	Cat Creek	67	2,635	14,569	13,658	1,056	.....	2,490
1	Clark's Fork	1	51	255	.....	185	.....	121
3	Conrad South	3	662	1,137	1,137	.....	.....	662
1	Cupton	1	1,074	1,360	.....	398	.....	2,036
140	Cut Bank	865	75,764	404,248	408,936	1,617	257	69,202
2	Deer Creek	2	833	2,529	2,684	.....	.....	678
1	Delphia	1	171	210	.....	.....	.....	381
...	Devil's Basin	.....	671	.....	.....	.....	.....	671
1	Dwyer	13	5,338	19,139	20,384	.....	.....	4,093
4	Elk Basin	56	2,244	212,225	212,203	.....	.....	2,266
5	Elk Basin Northwest	14	2,854	8,719	3,038	.....	.....	8,535
9	Fairview	9	9,057	53,339	53,953	.....	.....	8,443
2	Fertile Prairie	2	801	1,340	1,780	.....	.....	361
9	Flat Coulee	28	4,753	13,261	11,111	.....	.....	6,903
38	Flat Lake	55	7,945	64,793	66,142	.....	.....	6,596
2	Flat Lake South	2	660	1,880	1,718	.....	.....	822
2	Frannie	2	.....	845	845	.....	.....	.....
19	Fred & George Creek	42	4,231	58,193	58,818	.....	.....	3,606
1	Gage	1	422	530	.....	530	.....	422
1	Gage Southwest	1	.....	366	.....	366	.....	.....
3	Gas City	22	6,425	28,526	27,232	.....	.....	7,719
11	Glendive	15	2,049	24,998	21,622	2,906	.....	2,519
23	Goose Lake	32	5,308	50,905	51,862	.....	.....	4,351
8	Graben Coulee	21	6,003	5,821	5,921	1,657	.....	4,246
...	Grandview	.....	528	.....	.....	.....	.....	528
...	Gypsy Basin	.....	924	195	.....	195	.....	924
7	Hiawatha	7	3,990	17,588	17,274	.....	.....	4,304
1	Hibbard	1	163	122	.....	.....	.....	285
1	Injun Creek	1	1,202	369	.....	.....	14	1,557
5	Ivanhoe	8	1,496	7,218	6,915	.....	.....	1,799
6	Keg Coulee	16	5,220	11,083	10,765	.....	.....	5,538
2	Keg Coulee North	2	1,108	998	1,356	.....	.....	750
5	Kelley	5	924	9,944	9,826	.....	.....	1,042
78	Kevin Sunburst	408	15,524	23,363	20,639	3,962	60	14,226
8	Laird Creek	11	370	10,019	.....	9,685	4	700
1	Little Beaver	29	.....	26,617	26,617	.....	.....	.....
2	Little Beaver East*	14	1,957	18,753	17,895	.....	.....	2,815
1	Lodge Grass	1	1,746	316	.....	621	.....	1,441
2	Lookout Butte (Coral Creek)	34	397	66,896	67,019	.....	.....	274
...	Mackay Dome	.....	1,139	.....	.....	.....	.....	1,139
2	Mason Lake	2	565	1,029	1,030	.....	.....	564
3	Melstone	5	1,516	2,573	2,174	605	.....	1,310
1	Mineral Bench	1	842	1,125	1,804	.....	.....	163
1	Miner's Coulee	1	107	505	.....	505	.....	107
9	Monarch	17	3,322	19,368	18,848	.....	.....	3,842
4	Mosser	4	.....	945	.....	945	.....	.....
7	Outlook	11	5,061	22,759	.....	20,007	.....	7,813
2	Outlook South	2	1,235	4,208	.....	3,807	.....	1,636
2	Outlook West	2	1,531	4,362	.....	4,567	.....	1,326
1	Pennel-Lookout Butte	148	9,798	158,084	156,303	.....	.....	11,579
4	Pine	120	17,304	291,108	291,246	.....	.....	17,166
1	Pole Creek	1	1,325	.....	.....	1,090	.....	235
60	Pondera	263	8,521	25,723	24,810	.....	50	9,384
4	Poplar	65	11,405	53,612	52,541	.....	286	12,190
2	Poplar Northwest	2	1,873	210	.....	.....	.....	2,083
...	Prairie Elk	.....	333	.....	.....	.....	.....	333
4	Ragged Point	12	4,168	7,054	.....	8,812	.....	2,410
1	Rattlesnake Coulee	1	828	530	842	.....	.....	516
2	Reagan	2	603	21,666	21,762	.....	.....	507
1	Red Creek	24	.....	23,105	22,898	207	.....	.....
1	Red Fox	1	380	6,665	6,600	.....	.....	445
1	Redstone	1	640	5,433	4,851	.....	.....	1,222
1	Repeat	1	207	1,340	.....	1,315	.....	232
4	Reserve	5	193	15,993	.....	15,993	.....	193
1	Richey	1	327	447	.....	.....	.....	774
1	Richey Southwest	6	788	4,208	3,819	.....	.....	1,177
2	Rush Mountain	2	400	4,813	.....	4,369	.....	844
6	Sand Creek	8	2,759	8,332	8,452	.....	.....	2,639
...	Shotgun Creek	.....	516	.....	.....	.....	.....	516
1	Sidney	1	888	900	.....	900	.....	888
1	Snyder	1	482	850	.....	850	.....	482
7	Soap Creek	18	4,906	5,147	.....	5,151	.....	4,902
1	Spring Lake	2	1,693	2,196	.....	2,124	.....	1,765
1	Stensvad	14	2,842	16,495	16,289	.....	.....	3,048
24	Sumatra	69	11,903	65,183	65,781	.....	.....	11,305
5	Tule Creek	6	3,261	38,000	.....	38,113	.....	3,148
2	Tule Creek East	2	690	15,253	.....	15,114	.....	829
2	Tule Creek South	3	1,388	7,571	.....	7,602	57	1,300
2	Vida	2	752	1,243	1,663	.....	.....	332
4	Volt	5	2,475	14,942	14,411	.....	.....	3,006
2	Weed Creek	3	796	6,187	6,054	.....	16	913
5	Weldon	12	1,428	45,848	45,708	.....	.....	1,568
1	West Butte	1	.....	3,956	.....	3,956	.....	.....
17	Whitlash	44	9,539	16,872	16,161	.....	.....	10,250
2	Whitlash West	2	731	393	625	.....	.....	499
3	Wills Creek South	3	319	3,715	3,868	.....	.....	166
6	Wolf Springs	8	6,304	4,302	7,247	.....	.....	3,359
3	Woodrow	3	291	2,378	2,493	.....	.....	176
1	Wildcat, Blaine Cty	1	188	265	.....	.....	.....	453
...	Wildcat, Carbon Cty	.....	723	.....	.....	.....	.....	723
2	Wildcat, Glacier Cty	3	1,334	1,980	1,650	.....	.....	1,664
1	Wildcat, Powder River Cty	1	.....	10,883	.....	9,459	.....	1,424
3	Wildcat, Richland Cty	3	3,400	18,686	.....	21,324	13	749
2	Wildcat, Roosevelt Cty	2	2,187	11,903	.....	12,493	.....	1,597
1	Wildcat, Sheridan Cty	1	1,186	256	147	.....	79	1,216
1	Wildcat, Stillwater Cty	1	1,119	350	350	.....	.....	1,119
1	Wildcat, Toole Cty	1	.....	1,020	1,020	.....	.....	.....
1	Wildcat, Wibaux Cty	1	348	2,012	.....	1,965	.....	395
767	Total	3,264	411,717	3,574,862	3,279,774	284,370	3,548	418,887

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls Shipped	Daily Average
Year, 1968	48,460,579	132,406	48,370,779	132,161
First Quarter, 1969	11,151,766	123,908	11,176,241	124,180
April, 1969	3,574,862	119,162	3,564,144	118,805

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total oil In Storage‡
December, 1968	448,662	1,346,295	813,963	2,608,920
March, 1969	411,717	1,346,785	981,174	2,739,676
April, 1969	418,887	1,458,525	1,152,527	3,029,939

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF APRIL, 1969

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,192				2,192		
BEAR'S DEN—Truck			1,229					1,229	
BELL CREEK—Pipelines		983,245					427,047	556,198	
BIG WALL— Continental Pipeline Co.		16,203				16,203			
BLACKFOOT— Camerland Cardinal Corp.			2,496					2,496	
BORDER—Truck			1,193				1,193		
BOWES—Texaco Inc.		13,800				13,800			
BRORSON-MADISON—Pipelines		7,035						7,035	
BRORSON-RED RIVER Rock Island Oil & Ref. Co.			45,304				45,304		
BRORSON-RED RIVER SOUTH— Rock Island Oil & Ref. Co.			27,505				27,505		
CABIN CREEK & OTHERS* Butte Pipeline Co.	338,917	796,938	4,619	1,144,034			1,992,337		292,171
Shell Pipeline Co.	7,547	250,645			3,801			251,293	3,098
	346,464	1,047,583	4,619	1,144,034	3,801		1,992,337	251,293	295,269
CAT CREEK— Continental Pipeline Co.		13,658				13,658			
Truck			1,056			1,056			
		13,658	1,056			14,714			
CLARK'S FORK—Truck			185				185		
CUT BANK— Continental Pipeline Co.			21,784	442,429				464,213	
Phillips Petroleum Co.	84,672	58,325		73,341	2,252	108,871			105,215
Texas Pipeline Co.	21,139	104,721		19,910	251			102,861	42,658
Union Oil Co.	80,182	82,259		50,091	176	64,624			147,732
Western Oil Trans. Co.		46,106						46,106	
Western Oil Trans. (Moulton)		64,830						64,830	
	185,993	356,241	21,784	585,771	2,679	173,495		678,010	295,605
DWYER—Portal Pipeline Co.		20,143					20,143		
ELK BASIN & ELK BASIN NORTHWEST— Marathon Pipeline Co.		220,071				220,071			
FAIRVIEW—Fairview Pipeline Co.		53,950					53,950		
FLAT COULEE— Camerland Cardinal Corp.		9,444				9,444			
FLAT LAKE & FLAT LAKE SOUTH— Portal Pipeline Co.		62,410					62,410		
FRANNIE—Interstate Pipeline Co.		845					845		
FRED & GEORGE CREEK— Camerland Cardinal Corp.	11,881	62,756				10,664		40,031	23,942
GAGE & GAGE SOUTHWEST— Truck			896			896			
GLENDIVE, DEER CREEK WOODROW & SAND CREEK— Texas Pipeline Co.	7,394	27,537			223			26,147	8,561
GOOSE LAKE— Portal Pipeline Co.		48,297					48,297		
HIAWATHA— Continental Pipeline Co.		17,274					17,274		
IVANHOE— Continental Pipeline Co.		6,915				6,915			
KEG COULEE & KEG COULEE NORTH— Continental Pipeline Co.		14,809				12,109	2,700		
KELLEY— Continental Pipeline Co.		9,826				9,826			
KEVIN SUNBURST— Big West Oil Co.	5,290	18,471				17,277			6,484
Homestake Oil & Gas Co.	2,446	2,727			410	2,921			1,842
Texas Pipeline Co.	7,813	7,487		3,242	335				18,207
	15,549	28,685		3,242	745	20,198			26,533
LODGE GRASS—Truck			621			621			
MASON LAKE— Continental Pipeline Co.		1,030				1,030			
MELSTONE— Continental Pipeline Co.		2,174				2,174			
Truck			605					605	
		2,174	605			2,174		605	
MOSSER—Truck			945				945		
OUTLOOK & OUTLOOK WEST— Rock Island Oil & Ref. Co.			28,381				28,381		
POLE CREEK—Truck			1,090				1,090		
PONDERA—Phillips Petr. Co.	37,644	27,614			146	10,856			54,256
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT— East Poplar Gathering System	15,039	95,998			629			101,928‡	8,480
RAGGED POINT— Continental Pipeline Co.			8,812			7,912	900		
RED CREEK— Western Oil Transportation Co.		26,628						26,628	
RESERVE—Truck			15,993				15,993		
RUSH MOUNTAIN— Sinclair Refining Co.			4,369				4,369		
SIDNEY—Truck			900					900	
SNYDER—Truck			850			850			
SOAP CREEK—Truck			5,151				5,151		
SPRING LAKE— Rock Island Oil & Ref. Co.			2,124				2,124		
SUMATRA & STENSVAD— Continental Pipeline Co.	723,918	77,680		868,569	3,338	56,988		869,372	740,469
TULE CREEK— Tesero Petr. Corp.	2,903		60,829			58,322			5,410
WEED CREEK— Continental Pipeline Co.		6,054				6,054			
WHITLASH & WHITLASH WEST— Camerland Cardinal Corp.		17,745				14,954		2,791	
WOLF SPRINGS— Continental Pipeline Co.		7,247				7,247			
WILDCAT WELLS—Truck			45,241				45,241		
TOTALS	1,346,785	3,282,897	284,370	2,601,616	11,561	675,343	2,805,576	2,564,663	1,458,525

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1969

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		16,203								16,203
Bowes			7,856							7,856
Cat Creek		4,373		9,952		389				14,714
Cut Bank	11,117						80,850		44,561	136,528
Delphia						55				55
Elk Basin		85,902		60,583	73,586					220,071
Flat Coulee									9,444	9,444
Fred & George Creek	10,664									10,664
Gage & Gage S. W.						120				120
Hibbard						71				71
Ivanhoe		6,915								6,915
Keg Coulee		1,809		10,300						12,109
Kelley					9,826					9,826
Kevin Sunburst	14,035									14,035
Lodge Grass		621								621
Mason Lake		1,030								1,030
Melstone				2,174						2,174
Pondera							24,287			24,287
Ragged Point				7,911						7,911
Sand Creek						4				4
Snyder		850								850
Sumatra & Stensvad		25,705		24,404	6,879					56,988
Tule Creek								75,273		75,273
Weed Creek					6,054					6,054
Whitlash							14,940			14,940
Wolf Springs					7,247					7,247
Total Montana Oil	35,816	143,408	7,856	115,324	103,592	639	120,077	75,273	54,005	655,990
Canadian Oil Imported		437,560			12,867					450,427
Wyoming Oil Imported		553,917		435,740	1,110,387					2,100,044
Total Montana, Canadian, and Wyoming Oil	35,816	1,134,885	7,856	551,064	1,226,846	639	120,077	75,273	54,005	3,206,461

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1969	26,482	21,007	64,842	112,331
April, 1968	22,732	24,496	59,397	106,625
April, 1969	21,867	15,014	70,001	106,882

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
23.57%	18.70%	57.73%
21.32%	22.97%	55.71%
20.46%	14.05%	65.49%